

1. (Amended) An array comprising a plurality of nucleic acid members, each member having a unique position and stably associated with a solid substrate, wherein each nucleic acid member comprises a sequence of nucleotides corresponding to a non-coding region of a 3'-end of an mRNA transcript, and wherein each of said nucleic acid members is from 10 nucleotides to less than 600 nucleotides.
2. (Amended) An array comprising a plurality of nucleic acid members, each member having a unique position and stably associated with a solid substrate, wherein each nucleic acid member comprises a sequence of nucleotides corresponding to a non-coding region of a 5' end of an mRNA transcript, and wherein each of said nucleic acid members is from 10 nucleotides to less than 1000 nucleotides.

REMARKS

Claims 1-13 are pending. No new matter is added by this response.

Applicant thanks Examiner Sisson for participating in telephonic Examiner Interviews on February 6, 2003 and February 27, 2003.

Claim Amendments

Applicant has amended the claims to more particularly point out the subject matter of the invention.

Claim 1 has been amended to claim “an array comprising a plurality of nucleic acid members, each member having a unique position and stably associated with a solid substrate, wherein each nucleic acid member comprises a sequence of nucleotides corresponding to a non-coding region of a 3'-end of an mRNA transcript, and wherein each of said nucleic acid members is from 10 nucleotides to less than 600 nucleotides.”

Support for the amendments to claim 1 are found in the specification at p.9, lines 16-23, wherein the specification states, “[a]s used herein, “3'-end of an RNA transcript” refers to at least 8 and less than 600 contiguous nucleotides of the end of an mRNA that is immediately adjacent to the polyA tail and extends toward the 5'-end of the mRNA. The “3'-end of an RNA transcript” includes 3' untranslated sequences or noncoding sequences, and may or may not contain coding sequence from the 3' portion of the coding region of an mRNA. Preferably, the